		3 days	:NOITARUD
		300,000 bbl	VOLUME:
122-22.9	LONGITUDE: 122-22.9	Vessel Navigation	HAZARD:
37-46.0	LATITUDE:	Precautionary Area Outside San Francisco Bay	SITE:

TRAJECTORY ANALYSIS

spreading of the spill over the initial 6-hour time period would move the oil an additional 2 reach Richmond Harbor to the north and to Oakland Harbor to the south. Physical southward within San Francisco Bay. A spill occurring over the entire flood tide would during the flood tide would transport the oil through the Golden Gate and northward and surface tension, and tidal dispersion. Spill transport occurring on an ebbing tide would transport the oil away from the Precautionary Area to the north, south, and west. A spill and tidal currents, and spreading of the oil spill by physical processes such as gravity, outside of San Francisco Bay. The trajectory analysis considered oil transport by the wind A spill trajectory envelope was calculated for the vessel navigation hazard area just

San Pablo Bay to approximately the Carquinez Bridge. Mateo Bridge. Within 3 days, westerly and southwesterly winds could carry oil across physical spreading, could transport the oil into South San Francisco Bay past the San direction, strength, and persistence of local winds. Northerly winds, combined with Wind-induced surface currents could cause additional transport of oil depending on the

as far as Point Reyes; after 3 days Montara after 3 days. transported outside the Bay, northerly winds could transport the oil as far as Point or northward along the coast depending on the direction of the wind. For oil that is Oil not entering San Francisco Bay would be expected to be transported either southward Southerly winds outside the Bay could transport the oil northward

and wind and assume pessimistic dispersion and other adverse weather conditions. These trajectory oil in the event of any spill. The envelopes are based on regional extremes of climate, tide, current, preparing these spill envelopes is provided in Section 202.2. envelopes do not represent the trajectory of any one spill. A full discussion of the details used for These spill trajectory envelopes represent the outer perimeter of shoreside areas that could receive